

Serving the Contra Costa Community for Over 50 Years

After World War II, the population of Contra Costa took off. Due to this rapid growth, many homes and businesses were built in low lying areas susceptible to flooding.



San Ramon Creek, 1949

In 1951, as a result of prior widespread flooding, the Contra Costa County Flood Control and Water Conservation District was formed to provide flood protection.

Over the past 50 years, the Flood Control District has completed many major flood control projects in Contra Costa County in order to make it a better and safer place to live.

Today, the Flood Control District’s mission has expanded to include stewardship of the environmental resources in district owned creeks.



www.co.contra-costa.ca.us/depart/pw

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Flood Control
& Water Conservation District
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Protecting Communities



CONTRA COSTA COUNTY
FLOOD CONTROL
& WATER CONSERVATION DISTRICT

We’re Here for You



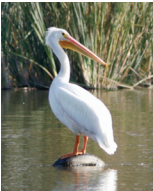
Detention basin construction

— to design, build, and maintain quality flood protection facilities as well as restore and enhance the natural resources in our creeks.

— to manage our environmental resources for sustainability and promote the reduction of pollutants in storm-water and creeks in Contra Costa County.



Plant surveys are a part of the District's projects.



White pelican

The Flood Control and Water Conservation District (Flood Control District) covers all of Contra Costa County, including its cities, and owns property throughout the County for the purpose of constructing and maintaining regional flood control channels and creeks.

While the Flood Control District offers *regional flood protection*, it also provides *technical information* and *education* to cities and residents, and is funded through property taxes and developer fees.

The Flood Control District strives to be the leader in flood protection, regional storm drainage systems, and creek pollutant reduction. Here is what we do in each of the areas we manage:

Current Development

- Review development applications and coordinate regional drainage systems in the County and cities.
- Manage developer financed drainage systems.
- Issue drainage permits for work on Flood Control District property and County drainage systems.
- Respond to drainage complaints in the unincorporated County.



Drop structures are used to dissipate the energy of stormwater. Shown here is a drop structure made with rock filled wire baskets called gabions.

Maintenance

- Maintain and repair Flood Control District channels, creeks and detention basins.



District staff periodically sample the water in Walnut Creek at various locations to better understand the amount and source of sediment being carried off. This helps to identify areas where significant erosion is taking place so that it can be prevented.

Watershed Planning & Engineering

- Identify and plan for long range flood protection solutions.
- Design and build regional drainage systems for the County and cities.
- Establish and update developer fees for regional drainage systems.
- Collaborate with federal, state and local partners on large flood control projects.

Watershed Program

(Unincorporated County Program)

- Design and manage programs to reduce storm water pollution from sources such as sediment, trash, pesticides and hydrocarbons.
- Promote pollution prevention awareness.
- Support local non-profit creek groups.
- Promote community pride in our creeks.



District facilities like this drop structure are designed to contain and manage stormwater flow to prevent flooding and erosion that can be so crippling to our community.

Hydrology

- Collect and analyze rainfall and stream flow data.
- Predict flood flows using computerized programs.
- Review flood flow studies.



The district's stormwater system uses a variety of sizes of drainage pipes. Shown here are large pipes being installed.

Floodplain Management

(Unincorporated County Program)

- Ensure new development in flood prone areas meets FEMA (Federal Emergency Management Agency) standards.
- Participate in federal programs to reduce flood insurance premiums.
- Promote the creation and preservation of natural flood ways.